

Bernardo Duarte

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

4,909
citations

117453

34
h-index

114278

63
g-index

157
all docs

157
docs citations

157
times ranked

5421
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics as vector for heavy metal contamination from the marine environment. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 178, 189-195.	0.9	1,040
2	The ocean sampling day consortium. <i>GigaScience</i> , 2015, 4, 27.	3.3	185
3	Accumulation and biological cycling of heavy metal in four salt marsh species, from Tagus estuary (Portugal). <i>Environmental Pollution</i> , 2010, 158, 1661-1668.	3.7	151
4	Climate Change Impacts on Seagrass Meadows and Macroalgal Forests: An Integrative Perspective on Acclimation and Adaptation Potential. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	149
5	Ecophysiological adaptations of two halophytes to salt stress: Photosynthesis, PS II photochemistry and anti-oxidant feedback – Implications for resilience in climate change. <i>Plant Physiology and Biochemistry</i> , 2013, 67, 178-188.	2.8	148
6	Stock and losses of trace metals from salt marsh plants. <i>Marine Environmental Research</i> , 2009, 67, 75-82.	1.1	124
7	The role of citric acid in cadmium and nickel uptake and translocation, in <i>Halimione portulacoides</i> . <i>Chemosphere</i> , 2007, 69, 836-840.	4.2	103
8	DNA Sequencing as a Tool to Monitor Marine Ecological Status. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	92
9	Seagrass ecophysiological performance under ocean warming and acidification. <i>Scientific Reports</i> , 2017, 7, 41443.	1.6	90
10	Screening of human and veterinary pharmaceuticals in estuarine waters: A baseline assessment for the Tejo estuary. <i>Marine Pollution Bulletin</i> , 2018, 135, 1079-1084.	2.3	73
11	Macroinvertebrates and fishes as biomonitors of heavy metal concentration in the Seixal Bay (Tagus) Tj ETQq1 1 0.784314 rgBT /Overlo 2.6 70	2.6	70
12	Seasonal variation of extracellular enzymatic activity (EEA) and its influence on metal speciation in a polluted salt marsh. <i>Chemosphere</i> , 2008, 73, 1056-1063.	4.2	64
13	Development of an Angiosperm Quality Assessment Index (AQuA-Index) for ecological quality evaluation of Portuguese water bodies – A multi-metric approach. <i>Ecological Indicators</i> , 2013, 25, 141-148.	2.6	59
14	Combined effects of soil salinity and high temperature on photosynthesis and growth of quinoa plants (<i>Chenopodium quinoa</i>). <i>Functional Plant Biology</i> , 2017, 44, 665.	1.1	58
15	Biophysical and biochemical constraints imposed by salt stress: learning from halophytes. <i>Frontiers in Plant Science</i> , 2014, 5, 746.	1.7	57
16	Disentangling the photochemical salinity tolerance in <i>Aster tripolium</i> L.: connecting biophysical traits with changes in fatty acid composition. <i>Plant Biology</i> , 2017, 19, 239-248.	1.8	52
17	Halophyte anti-oxidant feedback seasonality in two salt marshes with different degrees of metal contamination: search for an efficient biomarker. <i>Functional Plant Biology</i> , 2013, 40, 922.	1.1	51
18	Ecophysiological constraints of <i>Aster tripolium</i> under extreme thermal events impacts: Merging biophysical, biochemical and genetic insights. <i>Plant Physiology and Biochemistry</i> , 2015, 97, 217-228.	2.8	51

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19	Heat wave impacts on the model diatom <i>Phaeodactylum tricornutum</i> : Searching for photochemical and fatty acid biomarkers of thermal stress. <i>Ecological Indicators</i> , 2018, 95, 1026-1037.	2.6	51
20	Growth, chlorophyll fluorescence and mineral nutrition in the halophyte <i>Tamarix gallica</i> cultivated in combined stress conditions: Arsenic and NaCl. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 149, 204-214.	1.7	49
21	Unveiling Zn hyperaccumulation in <i>Juncus acutus</i> : Implications on the electronic energy fluxes and on oxidative stress with emphasis on non-functional Zn-chlorophylls. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 228-239.	1.7	48
22	Investigating the mechanisms underlying phytoprotection by plant growth-promoting rhizobacteria in <i>Spartina densiflora</i> under metal stress. <i>Plant Biology</i> , 2018, 20, 497-506.	1.8	44
23	Mercury mobility and effects in the salt-marsh plant <i>Halimione portulacoides</i> : Uptake, transport, and toxicity and tolerance mechanisms. <i>Science of the Total Environment</i> , 2019, 650, 111-120.	3.9	44
24	<i>Zostera noltii</i> development probing using chlorophyll a transient analysis (IIP-test) under field conditions: Integrating physiological insights into a photochemical stress index. <i>Ecological Indicators</i> , 2017, 76, 219-229.	2.6	42
25	The interplay between membrane lipids and phospholipase A family members in grapevine resistance against <i>Plasmopara viticola</i> . <i>Scientific Reports</i> , 2018, 8, 14538.	1.6	42
26	Hexavalent chromium reduction, uptake and oxidative biomarkers in <i>Halimione portulacoides</i> . <i>Ecotoxicology and Environmental Safety</i> , 2012, 83, 1-7.	2.9	41
27	Halophyte fatty acids as biomarkers of anthropogenic-driven contamination in Mediterranean marshes: Sentinel species survey and development of an integrated biomarker response (IBR) index. <i>Ecological Indicators</i> , 2018, 87, 86-96.	2.6	41
28	<i>Spartina maritima</i> (cordgrass) rhizosediment extracellular enzymatic activity and its role in organic matter decomposition processes and metal speciation. <i>Marine Ecology</i> , 2009, 30, 65-73.	0.4	40
29	Tagus estuary and Ria de Aveiro salt marsh dynamics and the impact of sea level rise. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 138-151.	0.9	40
30	Heavy metal distribution and partitioning in the vicinity of the discharge areas of Lisbon drainage basins (Tagus Estuary, Portugal). <i>Journal of Sea Research</i> , 2014, 93, 101-111.	0.6	40
31	Supporting <i>Spartina</i> : Interdisciplinary perspective shows <i>Spartina</i> as a distinct solid genus. <i>Ecology</i> , 2019, 100, e02863.	1.5	39
32	Biophysical and Biochemical Markers of Metal/Metalloid-Impacts in Salt Marsh Halophytes and Their Implications. <i>Frontiers in Environmental Science</i> , 2016, 4, .	1.5	37
33	Photochemical features and trace element substituted chlorophylls as early detection biomarkers of metal exposure in the model diatom <i>Phaeodactylum tricornutum</i> . <i>Ecological Indicators</i> , 2018, 95, 1038-1052.	2.6	37
34	Ecotoxicity of the lipid-lowering drug bezafibrate on the bioenergetics and lipid metabolism of the diatom <i>Phaeodactylum tricornutum</i> . <i>Science of the Total Environment</i> , 2019, 650, 2085-2094.	3.9	37
35	Fluoxetine Arrests Growth of the Model Diatom <i>Phaeodactylum tricornutum</i> by Increasing Oxidative Stress and Altering Energetic and Lipid Metabolism. <i>Frontiers in Microbiology</i> , 2020, 11, 1803.	1.5	37
36	Biophysical probing of <i>Spartina maritima</i> photo-system II changes during prolonged tidal submersion periods. <i>Plant Physiology and Biochemistry</i> , 2014, 77, 122-132.	2.8	35

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37	Environmental risk assessment and bioaccumulation of pharmaceuticals in a large urbanized estuary. <i>Science of the Total Environment</i> , 2021, 783, 147021.	3.9	35
38	First screening of biocides, persistent organic pollutants, pharmaceutical and personal care products in Antarctic phytoplankton from Deception Island by FT-ICR-MS. <i>Chemosphere</i> , 2021, 274, 129860.	4.2	34
39	Sediment microbial activities and physic-chemistry as progress indicators of salt marsh restoration processes. <i>Ecological Indicators</i> , 2012, 19, 231-239.	2.6	33
40	The role of organic acids in assisted phytoremediation processes of salt marsh sediments. <i>Hydrobiologia</i> , 2011, 674, 169-177.	1.0	32
41	Photochemical and biophysical feedbacks of C3 and C4 Mediterranean halophytes to atmospheric CO2 enrichment confirmed by their stable isotope signatures. <i>Plant Physiology and Biochemistry</i> , 2014, 80, 10-22.	2.8	32
42	Photosynthetic pigment laser-induced fluorescence indicators for the detection of changes associated with trace element stress in the diatom model species <i>Phaeodactylum tricornutum</i> . <i>Environmental Monitoring and Assessment</i> , 2016, 188, 285.	1.3	32
43	Particulate metal distribution in Tagus estuary (Portugal) during a flood episode. <i>Marine Pollution Bulletin</i> , 2012, 64, 2109-2116.	2.3	31
44	Ecophysiological constraints of two invasive plant species under a saline gradient: Halophytes versus glycophytes. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 154-165.	0.9	31
45	Abiotic modulation of <i>Spartina maritima</i> photobiology in different latitudinal populations. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 127-137.	0.9	30
46	The leaf lipid composition of ectomycorrhizal oak plants shows a drought-tolerance signature. <i>Plant Physiology and Biochemistry</i> , 2019, 144, 157-165.	2.8	29
47	Tagus estuary salt marshes feedback to sea level rise over a 40-year period: Insights from the application of geochemical indices. <i>Ecological Indicators</i> , 2013, 34, 268-276.	2.6	28
48	Salt marsh plants carbon storage in a temperate Atlantic estuary illustrated by a stable isotopic analysis based approach. <i>Ecological Indicators</i> , 2013, 32, 305-311.	2.6	28
49	Ecophysiological response of native and invasive <i>Spartina</i> species to extreme temperature events in Mediterranean marshes. <i>Biological Invasions</i> , 2016, 18, 2189-2205.	1.2	28
50	Disentangling the effect of atmospheric CO2 enrichment on the halophyte <i>Salicornia ramosissima</i> J. Woods physiological performance under optimal and suboptimal saline conditions. <i>Plant Physiology and Biochemistry</i> , 2018, 127, 617-629.	2.8	27
51	Spatial Variation in Mercury Bioaccumulation and Magnification in a Temperate Estuarine Food Web. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	27
52	Sea level rise impact in residual circulation in Tagus estuary and Ria de Aveiro lagoon. <i>Journal of Coastal Research</i> , 2013, 165, 1981-1986.	0.1	26
53	Modelling sea level rise (SLR) impacts on salt marsh detrital outwelling C and N exports from an estuarine coastal lagoon to the ocean (Ria de Aveiro, Portugal). <i>Ecological Modelling</i> , 2014, 289, 36-44.	1.2	26
54	Pigment and Fatty Acid Production under Different Light Qualities in the Diatom <i>Phaeodactylum tricornutum</i> . <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2550.	1.3	26

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55	Engineered metal nanoparticles in the marine environment: A review of the effects on marine fauna. <i>Marine Environmental Research</i> , 2020, 161, 105110.	1.1	25
56	Iberian Halophytes as Agroecological Solutions for Degraded Lands and Biosaline Agriculture. <i>Sustainability</i> , 2021, 13, 1005.	1.6	25
57	<i>Spartina versicolor</i> Fabre: Another case of <i>Spartina</i> trans-Atlantic introduction?. <i>Biological Invasions</i> , 2016, 18, 2123-2135.	1.2	23
58	Impact of Drying Processes on the Nutritional Composition, Volatile Profile, Phytochemical Content and Bioactivity of <i>Salicornia ramosissima</i> J. Woods. <i>Antioxidants</i> , 2021, 10, 1312.	2.2	23
59	Metal speciation in salt marsh sediments: Influence of halophyte vegetation in salt marshes with different morphology. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 248-255.	0.9	22
60	Leaf fatty acid remodeling in the salt-excreting halophytic grass <i>Spartina patens</i> along a salinity gradient. <i>Plant Physiology and Biochemistry</i> , 2018, 124, 112-116.	2.8	22
61	Preliminary diversity assessment of an undervalued tropical bean (<i>Lablab purpureus</i> (L.) Sweet) through fatty acid profiling. <i>Plant Physiology and Biochemistry</i> , 2018, 132, 508-514.	2.8	21
62	Metal pollution affects both native and non-indigenous biofouling recruitment in a subtropical island system. <i>Marine Pollution Bulletin</i> , 2019, 141, 373-386.	2.3	21
63	Investigating the physiological mechanisms underlying <i>Salicornia ramosissima</i> response to atmospheric CO ₂ enrichment under coexistence of prolonged soil flooding and saline excess. <i>Plant Physiology and Biochemistry</i> , 2019, 135, 149-159.	2.8	21
64	Halophyte bio-optical phenotyping: A multivariate photochemical pressure index (Multi-PPI) to classify salt marsh anthropogenic pressures levels. <i>Ecological Indicators</i> , 2020, 119, 106816.	2.6	20
65	Impact of heat and cold events on the energetic metabolism of the C3 halophyte <i>Halimione portulacoides</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 166-177.	0.9	19
66	Revisiting the outwelling hypothesis: Modelling salt marsh detrital metal exports under extreme climatic events. <i>Marine Chemistry</i> , 2017, 191, 24-33.	0.9	19
67	Phytoplankton community-level bio-optical assessment in a naturally mercury contaminated Antarctic ecosystem (Deception Island). <i>Marine Environmental Research</i> , 2018, 140, 412-421.	1.1	19
68	Impacts of phytoplankton blooms on trace metal recycling and bioavailability during dredging events in the Sado estuary (Portugal). <i>Marine Environmental Research</i> , 2020, 153, 104837.	1.1	19
69	Roving pharmacies: Modelling the dispersion of pharmaceutical contamination in estuaries. <i>Ecological Indicators</i> , 2020, 115, 106437.	2.6	19
70	Halophytes as sources of metals in estuarine systems with low levels of contamination. <i>Functional Plant Biology</i> , 2013, 40, 931.	1.1	18
71	Biochemical and photochemical feedbacks of acute Cd toxicity in <i>Juncus acutus</i> seedlings: The role of non-functional Cd-chlorophylls. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 228-239.	0.9	18
72	Effects of Propranolol on Growth, Lipids and Energy Metabolism and Oxidative Stress Response of <i>Phaeodactylum tricornutum</i> . <i>Biology</i> , 2020, 9, 478.	1.3	18

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73	Photobiological and lipidic responses reveal the drought tolerance of <i>Aster tripolium</i> cultivated under severe and moderate drought: Perspectives for arid agriculture in the mediterranean. <i>Plant Physiology and Biochemistry</i> , 2020, 154, 304-315.	2.8	18
74	The effect of heavy metal contamination pre-conditioning in the heat stress tolerance of native and invasive Mediterranean halophytes. <i>Ecological Indicators</i> , 2020, 111, 106045.	2.6	17
75	Comfortably numb: Ecotoxicity of the non-steroidal anti-inflammatory drug ibuprofen on <i>Phaeodactylum tricornutum</i> . <i>Marine Environmental Research</i> , 2020, 161, 105109.	1.1	17
76	Invasion and Extirpation Potential of Native and Invasive <i>Spartina</i> Species Under Climate Change. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	17
77	Modelling the effects of global temperature increase on the growth of salt marsh plants. <i>Applied Ecology and Environmental Research</i> , 2014, 12, 753-764.	0.2	17
78	Elemental fingerprinting of thornback ray (<i>Raja clavata</i>) muscle tissue as a tracer for provenance and food safety assessment. <i>Food Control</i> , 2022, 133, 108592.	2.8	17
79	Fatty acid profiles as natural tracers of provenance and lipid quality indicators in illegally sourced fish and bivalves. <i>Food Control</i> , 2022, 134, 108735.	2.8	17
80	A tale of two spartinas : Climatic, photobiological and isotopic insights on the fitness of non-indigenous versus native species. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 178-190.	0.9	16
81	Tissue Localization and Distribution of As and Al in the Halophyte <i>Tamarix gallica</i> under Controlled Conditions. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	16
82	Glyphosate-Based Herbicide Toxicophenomics in Marine Diatoms: Impacts on Primary Production and Physiological Fitness. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7391.	1.3	16
83	Development of a toxicophenomic index for trace element ecotoxicity tests using the halophyte <i>Juncus acutus</i> : Juncus-TOX. <i>Ecological Indicators</i> , 2021, 121, 107097.	2.6	16
84	Fatty acid profiles of estuarine macroalgae are biomarkers of anthropogenic pressures: Development and application of a multivariate pressure index. <i>Science of the Total Environment</i> , 2021, 788, 147817.	3.9	15
85	Nutritional valuation and food safety of endemic mediterranean halophytes species cultivated in abandoned salt pans under a natural irrigation scheme. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 265, 107733.	0.9	15
86	Climate Change Impacts on Salt Marsh Blue Carbon, Nitrogen and Phosphorous Stocks and Ecosystem Services. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1969.	1.3	14
87	<i>Scirpus maritimus</i> leaf pigment profile and photochemistry during senescence: Implications on carbon sequestration. <i>Plant Physiology and Biochemistry</i> , 2012, 57, 238-244.	2.8	13
88	Marine fouling communities from artificial and natural habitats: comparison of resistance to chemical and physical disturbances. <i>Aquatic Invasions</i> , 2020, 15, 196-216.	0.6	13
89	Biogeochemical drivers of phosphatase activity in salt marsh sediments. <i>Journal of Sea Research</i> , 2014, 93, 57-62.	0.6	12
90	Marine angiosperm indices used to assess ecological status within the Water Framework Directive and South African National Water Act: Learning from differences and common issues. <i>Ecological Indicators</i> , 2017, 83, 192-200.	2.6	12

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91	Mediterranean salt marsh sediment metal speciation and bioavailability changes induced by the spreading of non-indigenous <i>Spartina patens</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2020, 243, 106921.	0.9	12
92	Lipid landscape remodelling in <i>Sarcocornia fruticosa</i> green and red phenotypes. <i>Plant Physiology and Biochemistry</i> , 2020, 157, 128-137.	2.8	11
93	Marine heat waves alter gene expression of key enzymes of membrane and storage lipids metabolism in <i>Phaeodactylum tricornutum</i> . <i>Plant Physiology and Biochemistry</i> , 2020, 156, 357-368.	2.8	11
94	Metal partitioning and availability in estuarine surface sediments: Changes promoted by feeding activity of <i>Scrobicularia plana</i> and <i>Liza ramada</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 240-247.	0.9	10
95	Carbon Mitigation. , 2016, , 83-110.		10
96	Toxicity Going Nano: Ionic Versus Engineered Cu Nanoparticles Impacts on the Physiological Fitness of the Model Diatom <i>Phaeodactylum tricornutum</i> . <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	10
97	Artificial Intelligence Meets Marine Ecotoxicology: Applying Deep Learning to Bio-Optical Data from Marine Diatoms Exposed to Legacy and Emerging Contaminants. <i>Biology</i> , 2021, 10, 932.	1.3	10
98	Written in ink: Elemental signatures in octopus ink successfully trace geographical origin. <i>Journal of Food Composition and Analysis</i> , 2022, 109, 104479.	1.9	10
99	Light-dark O ₂ dynamics in submerged leaves of C ₃ and C ₄ halophytes under increased dissolved CO ₂ : clues for saltmarsh response to climate change. <i>AoB PLANTS</i> , 2014, 6, .	1.2	9
100	Salt Marshes and Biodiversity. <i>Tasks for Vegetation Science</i> , 2014, , 283-298.	0.6	9
101	A multivariate approach to chlorophyll a fluorescence data for trace element ecotoxicological trials using a model marine diatom. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 250, 107170.	0.9	9
102	Baseline Study of Trace Element Concentrations in Sediments of the Intertidal Zone of Amazonian Oceanic Beaches. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	9
103	Cephalopod fauna of the Pacific Southern Ocean using Antarctic toothfish (<i>Dissostichus mawsoni</i>) as biological samplers and fisheries bycatch specimens. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 174, 103571.	0.6	9
104	Atmospheric CO ₂ enrichment effect on the Cu-tolerance of the C ₄ cordgrass <i>Spartina densiflora</i> . <i>Journal of Plant Physiology</i> , 2018, 220, 155-166.	1.6	9
105	Membrane remodelling and triacylglycerol accumulation in drought stress resistance: The case study of soybean phospholipases A. <i>Plant Physiology and Biochemistry</i> , 2021, 169, 9-21.	2.8	9
106	Assessment of Extraction Methods of Trace Metallic Elements in Plants: Approval of a Common Method. <i>Sustainability</i> , 2022, 14, 1428.	1.6	9
107	The Lusitanian toadfish as bioindicator of estuarine sediment metal burden: The influence of gender and reproductive metabolism. <i>Ecological Indicators</i> , 2015, 48, 370-379.	2.6	8
108	Dwarf eelgrass (<i>Zostera noltii</i>) leaf fatty acid profile during a natural restoration process: Physiological and ecological implications. <i>Ecological Indicators</i> , 2019, 106, 105452.	2.6	8

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109	Evaluation of Multivariate Biomarker Indexes Application in Ecotoxicity Tests with Marine Diatoms Exposed to Emerging Contaminants. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3878.	1.3	8
110	Applying Limnological Feature-Based Machine Learning Techniques to Chemical State Classification in Marine Transitional Systems. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
111	Thermo-gas dynamics affect the leaf canopy shape and moisture content of aquaponic lettuce in a modified partially diffused microclimatic chamber. <i>Scientia Horticulturae</i> , 2022, 292, 110649.	1.7	8
112	Elemental Chemometrics as Tools to Depict Stalked Barnacle (<i>Pollicipes pollicipes</i>) Harvest Locations and Food Safety. <i>Molecules</i> , 2022, 27, 1298.	1.7	8
113	Abiotic control modelling of salt marsh sediments respiratory CO ₂ fluxes: application to increasing temperature scenarios. <i>Ecological Indicators</i> , 2014, 46, 110-118.	2.6	7
114	Chromium Phyto-transformation in Salt Marshes: The Role of Halophytes. , 2015, , 211-217.		7
115	Functional and ecophysiological traits of <i>Halimione portulacoides</i> and <i>Sarcocornia perennis</i> ecotypes in Mediterranean salt marshes under different tidal exposures. <i>Ecological Research</i> , 2018, 33, 1145-1156.	0.7	7
116	More than Just Wine: The Nutritional Benefits of Grapevine Leaves. <i>Foods</i> , 2021, 10, 2251.	1.9	7
117	Dwarf eelgrass (<i>Zostera noltii</i>) fatty acid remodelling induced by climate change. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 261, 107546.	0.9	7
118	Lipids in halophytes: stress physiology relevance and potential future applications.. , 2019, , 359-371.		7
119	Impacts of dissolved Zn and nanoparticle forms in the fatty acid landscape of <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2022, 817, 152807.	3.9	7
120	Feeding and trophic ecology of Antarctic toothfish <i>Dissostichus mawsoni</i> in the Amundsen and Dumont D'Urville Seas (Antarctica). <i>Hydrobiologia</i> , 2022, 849, 2317-2333.	1.0	7
121	New multi-metric Salt Marsh Sediment Microbial Index (SSMI) application to salt marsh sediments ecological status assessment. <i>Ecological Indicators</i> , 2013, 29, 390-397.	2.6	6
122	Travelling Expenses: The Energy Cost of Diel Vertical Migrations of Epipelagic Microphytobenthos. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	6
123	Screening of Emerging Pollutants (EPs) in Estuarine Water and Phytoremediation Capacity of <i>Tripolium pannonicum</i> under Controlled Conditions. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 943.	1.2	6
124	Unlocking Kautsky's dark box: Development of an optical toxicity classification tool (OPTOX index) with marine diatoms exposed to emerging contaminants. <i>Ecological Indicators</i> , 2021, 131, 108238.	2.6	6
125	Adaptation of Temperate Seagrass to Arctic Light Relies on Seasonal Acclimatization of Carbon Capture and Metabolism. <i>Frontiers in Plant Science</i> , 2021, 12, 745855.	1.7	6
126	Potential of <i>Asparagopsis armata</i> as a Biopesticide for Weed Control under an Invasive Seaweed Circular-Economy Framework. <i>Biology</i> , 2021, 10, 1321.	1.3	6

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127	Bioaugmentation Improves Phytoprotection in <i>Halimione portulacoides</i> Exposed to Mild Salt Stress: Perspectives for Salinity Tolerance Improvement. <i>Plants</i> , 2022, 11, 1055.	1.6	6
128	Baseline Survey on the Accumulation of Microdebris in the Intertidal Sediments of a Reference Estuarine System (Mira Estuary, Portugal). <i>Oceans</i> , 2020, 1, 47-55.	0.6	5
129	Heavy Metal Pre-Conditioning History Modulates <i>Spartina patens</i> Physiological Tolerance along a Salinity Gradient. <i>Plants</i> , 2021, 10, 2072.	1.6	5
130	Cordgrass Invasions in Mediterranean Marshes: Past, Present and Future. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2018, , 171-193.	0.2	4
131	Arsenic tolerance mechanisms in halophytes: the case of <i>Tamarix gallica</i> .. , 2019, , 255-265.		4
132	Salinity Modulates <i>Juncus acutus</i> L. Tolerance to Diesel Fuel Pollution. <i>Plants</i> , 2022, 11, 758.	1.6	4
133	Elemental fingerprinting of sea urchin (<i>Paracentrotus lividus</i>) gonads to assess food safety and trace its geographic origin. <i>Journal of Food Composition and Analysis</i> , 2022, 114, 104764.	1.9	4
134	Flow characteristics in tailrace: understanding how hydrodynamics may attract fish to hydropower plant in South America. <i>Marine and Freshwater Research</i> , 2018, 69, 1962.	0.7	3
135	Biological effects and bioaccumulation of gold in gilthead seabream (<i>Sparus aurata</i>) – Nano versus ionic form. <i>Science of the Total Environment</i> , 2020, 716, 137026.	3.9	3
136	Characterization of Potassium Chloride Stress on Philippine <i>Vigna radiata</i> Varieties in Temperature-stabilized Hydroponics Using Genetic Programming. , 2021, ,		3
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